



Representative publications (Complete publication refer to my webpage)

HaoYin, Youwen Sun*, **Yan You***, Justus Notholt, Mathias Palm, Wei Wang, Changgong Shan, Cheng Liu. Using machine learning approach to reproduce the measured feature and understand the model-to-measurement discrepancy of atmospheric formaldehyde. Science of The Total Environment, Volume 851, Part 2, 10 December 2022, 158271

Jia Jia*, **Yan You***, Shanlin Yang and Qingmei Shang. Analysis of the Effect of Economic Development on Air Quality in Jiangsu Province Using Satellite Remote Sensing and Statistical Modeling, Atmosphere. 2022 13(5), 697.

Xuan Zheng, Xiao He, **Yan You**, Shaojun Zhang, Bin Zhao, Xuan Wang, Guanghan Huang, Ting Chen, Yihuan Cao, Liqiang He, Xing Chang, Shuxiao Wang, Ye Wu. Comprehensive chemical characterization of gaseous I/SVOC emissions from heavy-duty diesel vehicles using two-dimensional gas chromatography time-of-flight mass spectrometry. Environmental Pollution, 2022, 35:119284.

Ting Chen, Xuan Zheng, Xiao He, **Yan You**, Guanghan Huang, Yihuan Cao, Liqiang He, Yanping Mao, Ye Wu. Comprehensive characterization of polycyclic aromatic hydrocarbon emissions from heavy-duty diesel vehicles utilizing GC × GC-ToF-MS. Science of the Total Environment, 2022,833: 155127.

Yongming Ju#, Dongyang Deng, Honghua Li#, **Yan You#**, Junqin Qiao, Lianghu Su, Weilong Xing, Mengyuan Liang, Dionysios D. Dionysiou. Rapid detoxification of dioxin and simultaneous stabilization of targeted heavy metals: New insight into a microwave-induced pyrolysis of fly ash. Chemical Engineering Journal,2021, 131939

Zhongcai Wang, Qingbin Song*, **Yan You**, Huabo Duan, Wenyi Yuan, Jinhui Li. Identifying the lifecycle ODP and GWP effects of the refrigerants from household air-conditioners in Macau, Environmental Impact Assessment Review, Volume 90, September 2021, 106639

YongmingJu, KairuZhang, TiantianYang, DongyangDeng, JunqinQiao, PuWang, **Yan You**, Ling Du, Guihua Chen, , Dionysios D. Dionysiou. The influence of a washing pretreatment containing phosphate anions on single-mode microwave-based detoxification of fly ash from municipal solid waste incinerators. Chemical Engineering Journal, 387, 1 May 2020, 124053

Bin Han*, **Yan You***, Yating Liu, Jia Xu, Jian Zhou, Jiefeng Zhang, Can Niu, Nan Zhang, Fei He, Xiao Ding, Zhipeng Bai. Inhalation cancer risk estimation of source-specific personal exposure for particulate matter-bound polycyclic aromatic hydrocarbons (PAHs) based on positive matrix factorization. 2019. Environmental Science and Pollution Research, 26(10): 10230 10239.

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